

A RESOLUTION

BY CITY UTILITIES COMMITTEE

01- R-1602

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO APPROVE A NOTICE TO PROCEED WITH ADS ENVIRONMENTAL SERVICES, INC., FOR FC-6244-95A, ANNUAL CONTRACT FOR INSPECTION AND FLOW MEASUREMENT OF COMBINED SEWERS AND SANITARY SEWERS TO INSTALL THE INTELLISCAN SYSTEM ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS IN AN AMOUNT NOT TO EXCEED ONE MILLION SEVEN HUNDRED NINETY THOUSAND DOLLARS (\$1,790,000.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER: 2J26 524001 M24I02239999.

WHEREAS, the City of Atlanta did enter into FC-6244-95A, Annual Contract for Inspection and Flow Measurement of Combined Sewers and Sanitary Sewers; and

WHEREAS, the Department of Public Works does require additional hardware and software applications that allow the network of flow meters and rain gauges to be more useful to City in reporting rainfall data; and

WHEREAS, the Commissioner of the Department of Public Works and the Purchasing Agent have recommended that ADS Environmental Services to install the Intelliscan System to detect or predict events that might lead to a sewage overflow; and

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor be and is hereby authorized to approved Notice To Proceed with ADS Environmental Services for FC-6244-95A, Annual Contract for Inspection and Flow Measurement of Combined Sewers and Sanitary Sewers in an amount not to exceed One Million Seven Hundred Ninety Thousand Dollars (\$1,790,000.00); and

BE IT FURTHER RESOLVED, that the Purchasing Agent be and is hereby directed to prepare an appropriate contractual agreement for execution by the Mayor, to be approved by the City Attorney as to form.

BE IT FURTHER RESOLVED, that this Notice to Proceed should not become binding on the City, and the City shall incur no liability upon same until such contract has been executed by the Mayor and delivered to the contracting party.

BE IT FINALLY RESOLVED, that all services for said Notice to Proceed shall be charged to and paid from fund, account and center number: 2J26 524001 M24I02239999.

KOB (8/27/01)

Confidential Pricing

**City of Atlanta
IntelliScan®
Collection System Management**

ADS Environmental Services proposes to custom design, deliver and install the IntelliScan® Collection System Management Program as outlined in the attached IntelliScan document based on the City of Atlanta's Flow Monitoring Network. This proposal assumes that the configuration of the network will include:

125 ADS 4000 Series Flow Monitors

32 Rain Alert Rain Gauges

Base System

One Time System Setup Fee including data analysis on monitors during the one year implementation phase	\$1,790,000.00
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Annual System Operation and Management Fee	Annual System Operation and Management Fee	Annual Flow Monitor Comprehensive Service Fee
Fee during 1 year implementation phase	N/A	\$819,507.00
Year 1 (after implementation)	\$ 758,000.00	\$ 856,384.00
Year 2	\$ 781,152.00	\$ 894,922.00
Year 3	\$ 804,587.00	\$ 935,193.00
Year 4	\$ 828,724.00	\$ 977,277.00
Year 5	\$ 853,586.00	\$1,021,754.00

Additional modules to the base system to accommodate Lift Station monitoring at 14 locations, River Gauging stations at 11 locations and Storage Tunnel control can be added to the Base System.

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Collection System Management**

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14 Lift Stations

One Time System Setup Fee	\$140,000.00
Annual System Operation and Management Fee (Year 1)	\$168,000.00
Annual System Operation and Management Fee (Year 2)	\$173,040.00
Annual System Operation and Management Fee (Year 3)	\$178,231.00
Annual System Operation and Management Fee (Year 4)	\$183,578.00
Annual System Operation and Management Fee (Year 5)	\$189,085.00

The above lift station module pricing is the integration set up and annual system operating and maintenance fee. The above fee schedule **does not include** the equipment and labor to bring each lift station up to the necessary standard to be integrated into IntelliScan.

11 River Gauge Stations

One Time System Setup Fee	\$ 88,000.00
Annual System Operation and Management Fee (Year 1)	\$132,000.00
Annual System Operation and Management Fee (Year 2)	\$135,960.00
Annual System Operation and Management Fee (Year 3)	\$140,039.00
Annual System Operation and Management Fee (Year 4)	\$144,240.00
Annual System Operation and Management Fee (Year 5)	\$148,567.00

The above river gauging module pricing is the integration set up and annual system operating and maintenance fee. The above fee schedule **does not include** the equipment and labor to bring each river gauge site up to the necessary standard to be integrated into IntelliScan.

The above pricing is valid until September 30, 2001

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Storage Tunnel Control

Pricing can be determined after the scope is defined by the City of Atlanta.

The above pricing is valid until September 30, 2001

City of Atlanta

IntelliScan Collection System Management Project

- September, 2001**
- City to utilize existing ADS Contract FC-6244-95-A to issue Work Authorization for \$1,790,000.00 to initiate Phase I of the IntelliScan Implementation and continue with full data analysis.
 - The initial fee of \$1,000,000.00 will cover the tasks outlined below.
 - Define the organizational structure of the City of Atlanta project team including outside agencies that will be involved in this project.
- October, 2001**
- Kick off meeting with ADS and City Project Managers and Support Teams to formally define the City of Atlanta's objectives and expectations. Identify project team internal/external communications plan on how verbal and written communications are to take place among project team members and project stakeholders.
- November, 2001-February 2002**
- Conduct meetings to refine, review and evaluate the scope of the project. Review and evaluate the existing Flow Monitoring and Rain Gauging Network to determine if coverage is adequate to provide the results expected by the City.
 - Obtain system and basin maps, GIS information, detailed pump station descriptions and drawings, creek/river locations from the City.
 - Evaluate City's existing hydraulic system information.
 - Make initial inspection of City selected pump stations and river gauging locations.
 - Begin the custom design specification of the City's IntelliScan Management System.
- March, 2002**
- Preliminary tabletop presentation of Base IntelliScan System functional design specification made to the City of Atlanta management team. Upon acceptance, a \$395,000.00 fee is due.
 - Finalize IntelliScan design changes/enhancements to meet City's goals.
 - Go/No Go on including Pump Stations and River gauging.
- April, 2002-July, 2002**
- Provide support for the City to present the IntelliScan System concept to City Council, Regulatory Agencies and/or news media.

City of Atlanta

IntelliScan Collection System Management Project

- Complete the implementation of IntelliScan.
- August, 2002**
 - Approval of implementation phase by City of Atlanta.
 - Final implementation payment of \$395,000.00 due upon acceptance.
- September, 2002**
 - System is fully on line. Annual operations, service and management fee and comprehensive field service fee for the next year of \$1,577,507.00 is due.

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: GREG PRIGDEON

Commissioner's Signature

Director's Signature

Originating Department: Public Works

Contact Person: Keith Brooks X 6382

Committee(s) of Purview: City Utilities

Council Deadline: August 31, 2001

Committee Meeting Date(s): September 11-12, 2001

Full Council Date: September 17, 2001

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO APPROVE A NOTICE TO PROCEED WITH ADS ENVIRONMENTAL SERVICES, INC., FOR FC-6244-95A, ANNUAL CONTRACT FOR INSPECTION AND FLOW MEASUREMENT OF COMBINED SEWERS AND SANITARY SEWERS TO INSTALL THE INTELLISCAN SYSTEM ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS IN AN AMOUNT NOT TO EXCEED ONE MILLION SEVEN HUNDRED NINETY THOUSAND DOLLARS (\$1,790,000.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER: 2J26 524001 M24I02239999.

BACKGROUND

TO INSTALL THE INTELLISCAN SYSTEM TO DETECT OR PREDICT EVENTS THAT MIGHT LEAD TO A SEWAGE OVERFLOW.

FINANCIAL IMPACT (if any) \$1,790,000.00

Mayor's Staff Only

Received by Mayor's Office: 1/30 9/18/01 (date) Reviewed by: JS (initials) (date)

Submitted to Council: _____ (date)

Action by Committee: _____ Approved _____ Adversed _____ Held _____ Amended
_____ Substitute _____ Referred _____ Other